Sheet 1 of 5

FORM PTO-1449					ATTY. DOCKET NO.				CONFIRMATION	NC		
LIST OF PATENTS AND PUBLICATIONS FOR					200209180-1		10	627,883	<u> </u>			
		ANT'S INFORMAT	ON DISCLOSURE		APPLICANT							
		STATE	EMENT .		Artur Andrzejak et		GRO	UP				
	(U	se several sheets	if necessary)		<u></u>	l		2155	<u> </u>			
REFERE	NCE	DESIGNATION	U.S. P	ATEN	T DOCUMENTS				· 			
EXAMINER INITIAL		DOCUMENT NUMBER	PUBLICATION DATE		NAME .		P Relay	ages, Columni ant Passages	s, Lines Where or Figures Appear			
De	1A (8,526,420-B2	Feb. 25, 2003	Во	rowsky et al.							
29	1B	8,031,984-A	Feb. 29, 2000	Wa	alser			-				
	1C											
	1D											
	1E											
	1F											
	1G											
	1H		Î									
	11			\neg		T						
	13			\Box								
	1K				•	\neg				•		
			FO	REIGN	PATENT DOCUME	NTS			•			
		DOCUMENT NUMBER	PUBLICATION DATE	N	AME OF PATENTEE OR APPLICANT			/Columns/Line Passages/Figu	s Where	eck if islatio ached		
	14					_						
	1M					ļ.,						
	1N											
	10											
	1P											
		OTHER REF	ERENCES (includ	ing Au	thor, Title, Date, Pe	ertine	nt F	ages, etc.)				
89	10	for Service Gr Hewlett-Packs	ids in a Federation and Company, Palo	of Utili Alto, A	TUR ANDRZEJAK, HO ty Data Centers, HP L Jugust 21, 2002. 002/HPL-2002-235.p	.abs 1	R TRI Fech	INKS, Contro nical Report 1	I Architecture HPL-2002-235,			
	1R	Self-Origanizat Technical Rep	tion and Adaptive S ort, HPL-2002-259	Service , Hewl	R VADIM KOTOV, HO Placement in Dynami ett-Packard Company, 002/HPL-2002-259.p	ic Disi , Palo	tribu	ted Systems,	, HP Labs			
	15	for Resource / Hewlett-Packs	Allocation in Large and Company, Palo	Scale (Alto, 2	ARLAN CROWDER, A Data Centers, HP Labs 002. 002/HPL-2002-64R1.	Tecl	iema nnica	itical Optimizal Report, HPI	ation Approach L-2002-64(R 1),	•		
EXAM!			ENG EXAMINER CENTER 2100	7	DATE CONSIDERS	ED	(,	1/13/	6	•		

Sheet 2 of 5

FOI	RM PT	O-1449		ATTY, DOCKET NO.	APPLICATION NO. CONFIRMA					
			IBLICATIONS FOR	200209180-1 APPLICANT	10 627,883					
		NT'S INFORMATION STATE	ON DISCLOSURE	l	Artur Andrzejak t al.					
	(110	• -		FILING DAYE	GROUP 2155					
	(08	e several sheets i	i necessary)							
FEREN	ICE C	ESIGNATION	U.S. PA	TENT DOCUMENTS						
(AMINER INITIAL		DOCUMENT NUMBER	PUBLICATION DATE	NAME	Pages, Columns, Lines Wher Relevant Passages or Figures Ap	pear e				
;	2A				<u> </u>					
	2B									
	2C									
- 1	20					·				
	2E									
•	2F									
	2G				·					
	2H									
	21	·_ · · · · · · · ·								
	2J									
	2K									
· · · · · ·	_	DOCUMENT	PUBLICATION	NAME OF PATENTEE	Pages/Columns/Lines Where	Transi				
		DOCUMENT NUMBER	T		·	Transt				
	2L		PUBLICATION	NAME OF PATENTEE	Pages/Columns/Lines Where	Transt				
	2M		PUBLICATION	NAME OF PATENTEE	Pages/Columns/Lines Where	Transt				
	2M 2N		PUBLICATION	NAME OF PATENTEE	Pages/Columns/Lines Where	Transt				
	2M 2N 2O		PUBLICATION	NAME OF PATENTEE	Pages/Columns/Lines Where	Transt				
	2M 2N		PUBLICATION	NAME OF PATENTEE	Pages/Columns/Lines Where	Transt				
	2M 2N 2O	NUMBER	PUBLICATION DATE	NAME OF PATENTEE	Pages/Columns/Lines Where Relevant Passages/Figures Appear	Chec Transt attacl				
	2M 2N 2O	OTHER REF	PUBLICATION DATE PRENCES (Including RAN RAMANATHAInstraints in K-ary n-	NAME OF PATENTEE OR APPLICANT OR APPLICANT OR APPLICANT	Pages/Columns/Lines Where Relevant Passages/Figures Appear Passages/Figures Pages, etc.)	Transk				
	2M 2N 2O 2P	OTHER REF	PUBLICATION DATE PRENCES (Including RAN RAMANATHAInstraints in K-ary n-No. 5, pp. 511-519) NER, VADIM KOTON Centers, The 22nd	NAME OF PATENTEE OR APPLICANT Ing Author, Title, Date, F N, SURESH CHALASANI, F Cubes, IEEE transactions of IEEE Press, Los Alamitos V, HOLGER TRINKS, Resoutinternational Conference	Pages/Columns/Lines Where Relevant Passages/Figures Appear Passages/Figures Pages, etc.)	Transistance				
	2M 2N 2O 2P	PARAMESWA Adjacency Col 1985, Vol. 8, SVEN GRAUP in Virtual Data Workshops, V 2002.	PUBLICATION DATE PRENCES (Includir RAN RAMANATHAI Instraints in K-ary n- No. 5, pp. 511-519 NER, VADIM KOTO I Centers, The 22nd Ienna Austria, July LOUS A. FLOUDAS	NAME OF PATENTEE OR APPLICANT IN Author, Title, Date, P N, SURESH CHALASANI, F Cubes, IEEE transactions o , IEEE Press, Los Alamitos V, HOLGER TRINKS, Resol International Conference o 2-5, 2002, pp. 666-671, i	Pages/Columns/Lines Where Relevant Passages/Figures Appear Pertinent Pages, etc.) Resource Placement with Multiple on Parallel & Distributed Systems, 1, 1995. Perce-Sharing and Service Deployment Distributed Computing Systems EEE Computer Society, Los Alamited Control Contro	Transi				
	2M 2N 2O 2P 2P 2Q 2R 2R	PARAMESWA Adjacency Col 1985, Vol. 8, SVEN GRAUP in Virtual Data Workshops, V 2002.	PUBLICATION DATE PUBLICATION DATE RAN RAMANATHAINSTRAINTS IN K-ary n-No. 5, pp. 511-519 NER, VADIM KOTON Centers, The 22nd ienna Austria, July LOUS A. FLOUDAS Ration, pp. 217-269	NAME OF PATENTEE OR APPLICANT IN Author, Title, Date, P N, SURESH CHALASANI, F Cubes, IEEE transactions of IEEE Press, Los Alamitos V, HOLGER TRINKS, Resou International Conference of 2-5, 2002, pp. 666-671, i	Pages/Columns/Lines Where Relevant Passages/Figures Appear Pertinent Pages, etc.) Resource Placement with Multiple on Parallel & Distributed Systems, 1, 1995. Perce-Sharing and Service Deployment Distributed Computing Systems EEE Computer Society, Los Alamited Computer Society, Los Alamited Control of Computer Society, Los Alamited Control of Cont	Transistance				

Sheet 3 of 5

5004	550 4440		ATTY. DOCKET NO.				CONFIRMATIO	א או	
FURM	PTO-1449		200209180-1	l	10/62	7,883	<u> </u>	<u>.</u>	
	OF PATENTS AND PI CANT'S INFORMATI		APPLICANT		•				
AFF	STATE		Artur Andrzejak et	t al.	GROUP			-	
	(Use several sheets		FILING DATE	l	J. 200.	2155			
EFERENCI	E DESIGNATION	U.S. P	ATEN	T DOCUMENTS				_	_
AMINER NITIAL	DOCUMENT	PUBLICATION DATE		NAME				s, Lines Where or Figures Appear	-
3A	 		+			-			-
3В			-		\top				_
30	 		+						_
30			_						_
38									_
3F									_
30									_
31					\Box				_
31					·				
31					\dashv			<u> </u>	_
3K									_
	DOCUMENT NUMBER	PUBLICATION DATE		A PATENT DOCUME AME OF PATENTEE OR APPLICANT	1	Pages/Co	olumns/Lin ussages/Fig	es Where	Chec rensi
3L									
31	1								
31	1		-						
30					$oxed{oxed}$				
3F	>		·						
	OTHER REF	FERENCES (includ	ing Aı	ithor, Title, Date, P	ertin	ent Pag	jes, etc.))	
28	Proceedings (of the Fourteenth N	ational iai inte	Pseudo-Boolean Consi Conference on Artific Elligence Conference, o Park, 1997.	cia) in	itelliaen	ce and th	e Ninth	
	I Satisfiability I	Problems, Proceedii	nas of	DAVID MITCHELL, A the Tenth National Co I, pp. 440-448, AAAI	ontere	ance on	Artificial	Intelligence	
	for Solving O.	.1 Integer Programs	: Usina	OHAN KRISHNAMOO a General Purpose Si 9-150, Baltzer Science	imula	ted Ann	iealing Ald	oorithim. Annals	s
EXAMINE	DAVID EN AXE YRAMIRG	MINEH	2	DATE CONSIDER	RED	1//	1/3/	106	_

Sheet 4 of 5

SORM S	TO 4440	ATTY. DOCKET NO.	^	FEL	CATION	nu.	CONF	ILANIV I			
	TO-1449	200209180-1	<u>_</u>	0/6	27,88	3					
	PATENTS AND PU ANT'S INFORMATION		APPLICANT		1	,					
***************************************	STATE	Artur Andrzejak el	t al.	ROU	-				_		
(U	se several sheets if	necessary)					215	5			
EFERENCE	DESIGNATION	T DOCUMENTS									
AMINER NITIAL	DOCUMENT NUMBER	PUBLICATION DATE		NAME .		Pages, Columns, Lines Where Relevant Passagas or Figures App					ar
4A		<u> </u>									
48											
4C											
4D											_
4E			+								_
4F			1								
4G			十		_						_
4H			_			_		-			
41		•	1		\neg						
4.J			-				-				
4K			+-		_						
	DOCUMENT	FOI PUBLICATION		PATENT DOCUME	Pa		Columns/				
	DOCUMENT NUMBER	,			Pa		Columns/ Passages				Trans
41.		PUBLICATION		AME OF PATENTEE	Pa						Trans
4M		PUBLICATION		AME OF PATENTEE	Pa						Trans
4M 4N		PUBLICATION DATE		AME OF PATENTEE	Pa						Trans
4M 4N 4O		PUBLICATION		AME OF PATENTEE	Pa						Trans
4M 4N	NUMBER	PUBLICATION DATE	N	AME OF PATENTEE OR APPLICANT	Pa Relev	ant F	assages	/Figu			Trans
4M 4N 4O	NUMBER OTHER REFE	PUBLICATION DATE	ng Au	AME OF PATENTEE OR APPLICANT	Pa Relev	ant F	ges, el	/Figu	res Ap	pear	Chec Transi attec
4M 4N 4O	NUMBER OTHER REFE	PUBLICATION DATE RENCES (Including System of	ng Au	AME OF PATENTEE OR APPLICANT	Pa Relev	ant F	ges, el	/Figu	res Ap	pear	Trans
4M 4N 4O - 4P	OTHER REFE JOACHIM PAU Dissertation, P October, 1998	PUBLICATION DATE PUBLICATION DATE PUBLICATION DATE	ng Au	AME OF PATENTEE OR APPLICANT	Pa Relev ertinen	ant F	ges, el	(Figu	omizat	ion,	Trans
4M 4N 40 - 4P	OTHER REFE JOACHIM PAU Dissertation, P October, 1998 BART SELMAN Cambridge, 19	PUBLICATION DATE PRENCES (Including System of the control of the	ng Au in-Inde	AME OF PATENTEE OR APPLICANT Inthor, Title, Date, Portion of the Saarla MIT Encyclopedia of the Saarla AM COHEN, Local Seenge on Cilques, Cole	Pa Relev	ant F	ges, et	(c.) Opt	omizat	ion,	Trans

Sheet 5 of 5

LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT (Use several cheets if necessary) REFERENCE DESIGNATION U.S. PATENT DOCUMENTS Pages, Columns, Lines Whe Relevant Passages or Figures A SA SB 6C 5D 5E 5F 5G 5H 5I 5J 5N DOCUMENT DOCUMENT PUBLICATION DATE DOCUMENTS POREIGN PATENT DOCUMENTS Pages/Columns, Lines Whe Relevant Passages or Figures A FOREIGN PATENT DOCUMENTS POREIGN PATENT DOCUMENTS FOREIGN PATENT DOCUMENTS FOREIGN PATENT DOCUMENTS SA 5B 6C 5D 5H 5I 5J 5J 5N 5N 5N 5N 5N 5N 5N 5N	ATION
LIST OF PATENTS AND PUBLICATION DISCLOSURE STATEMENT (Use several cheets if necessary) REFERENCE DESIGNATION U.S. PATENT DOCUMENTS EXAMINED DOCUMENT PUBLICATION NAME Relevant Passages or Figures A 5A 5B 5C 5C 5D 5D	
STATEMENT CUSe several cheets if necessary) REFERENCE DESIGNATION U.S. PATENT DOCUMENTS XAMINE DOCUMENT PUBLICATION NAME Pages, Columns, Lines When Relevant Passages or Figures A 5A PAGE SEPTIMENT PUBLICATION NAME Relevant Passages or Figures A 5B FOREIGN PATENT DOCUMENTS FOREIGN PATENT DOCUMENTS FOREIGN PATENTE Relevant Passages/Figures Appear 5L SM Pages/Columns/Lines Where Relevant Passages/Figures Appear 5A PAGE STATEMENT PUBLICATION NAME OF PATENTEE Relevant Passages/Figures Appear 5D SM PAGE STATEMENT Relevant Passages/Figures Appear 5N SM SN	
REFERENCE DESIGNATION U.S. PATENT DOCUMENTS CAMINER DOCUMENT NUMBER PUBLICATION NAME Relevant Passages or Figures A 5A SB SC SD SC SD ST	<u> </u>
XAMINEN DOCUMENT PUBLICATION NAME Relevant Passages or Figures A 5A 5B 5C 5D 5E 5F 5G 5H 5I 5G 5H 5I 5G 5H 5I 5I 5I 5J 5K 5I 5J 5K 5I 5J 5K 5N	
INITIAL NUMBER DATE NAME Relevant Passages of Figures A 5A 5B 5C 5D 5E 5F 5G 5H 5I 5J 6K DOCUMENT NUMBER PUBLICATION NAME OF PATENTEE OR APPLICANT Relevant Passages/Figures Appear 5L 5M 5N 5N 50 50 50 57 68 68 68 68 69 69 69 60 60 60 60 60 60 60	
5A	e pear
5B	
5C 5D	
5D 5E	
5F 5G 5H 5I 5I 5J 6K FOREIGN PATENT DOCUMENTS FOREIGN PATENTE Pages/Columns/Lines Where Relevant Passages/Figures Appear 5L 5M 5N 5O 5P	
5G 5H 5I 5I 5J 5K FOREIGN PATENT DOCUMENTS FOREIGN PATENT DOCUMENTS DOCUMENT PUBLICATION NAME OF PATENTEE Pages/Columns/Lines Where Relevant Passages/Figures Appear 5L 5M 5M 5N 5N 5N 50 5P	
5H 5I 5J 6K FOREIGN PATENT DOCUMENTS DOCUMENT NUMBER PUBLICATION DATE NAME OF PATENTIEE OR APPLICANT Passages/Figures Appear 5L 5M 5N 5N 5N 50 5P	
FOREIGN PATENT DOCUMENTS FOREIGN PATENT DOCUMENTS DOCUMENT PUBLICATION NAME OF PATENTEE Pages/Columns/Lines Where Relevant Passages/Figures Appear 5L 5M 5N 5N 5N 50 5P	
FOREIGN PATENT DOCUMENTS FOREIGN PATENT DOCUMENTS DOCUMENT PUBLICATION NAME OF PATENTEE Pages/Columns/Lines Where Relevant Passages/Figures Appear 5L 5M 5N 5N 50 5P	
FOREIGN PATENT DOCUMENTS DOCUMENT PUBLICATION NAME OF PATENTEE Pages/Columns/Lines Where Relevant Passages/Figures Appear	
FOREIGN PATENT DOCUMENTS DOCUMENT PUBLICATION NAME OF PATENTEE Pages/Columns/Lines Where Relevant Passages/Figures Appear 5 L 5 M 5 N 5 D 5 D 5 D 5 D 5 D 5 D	
DOCUMENT PUBLICATION NAME OF PATENTEE Pages/Columns/Lines Where Relevant Passages/Figures Appear 5L 5M 5N 50 5P	
5L	Chec
5M 5N 50 5P 5P	attac
5N 50 5P	+
50 5P	+
	+
	+-
OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)	
BART SELMAN, HENRY A. KAUTZ, BRAM COHEN, Noise Strategies for Improving Local Searce Proceedings of the Twelfth National Conference on Artificial Intelligence, August 1-4, 1994, Seattle, Washington, pp. 337-343, AAAI Press, Menio Park, 1994.	h.
5R	
58	
DAYID ENG DATE CONSIDERED 1/1/3/0-6	